



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DIVISION
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JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

February 1, 2017

MEMORANDUM

PROJECT:	PIN 103169.00
	Maury & Williamson Counties SR-247 (Duplex Rd.) from SR-6 (Main St.) to 0.11 miles west of I-65 S.P. 60020-3201-54
SUBJECT:	CONSTRUCTABILITY REVIEW MEETING SUMMARY TEMPLATE
DATE:	January 25 & 26, 2017
NOTES BY:	Laura Larkins TDOT Construction Division

A Constructability Review meeting was held on January 25th & 26th, 2017 with Construction Industry Representatives, the Consultant Design Team, Utilities Division, Geotechnical staff, TDOT Headquarters Construction, TDOT Region 3 Operations and Project Development staff. The scope of the review was to integrate construction expertise early into the project development process for the 3.2 mile project that includes 1 bridge, 4 retaining walls, complex construction phasing, and numerous utility relocations, etc...

The construction field review plans, utility layout and traffic control phasing were reviewed as part of the meeting.

AGENDA:

1. Introductions
2. Purpose: Existing Conditions
3. Project Overview: Roadway, Right-Of-Way/Utilities, Structures, Geotechnical, Hydraulics, Environmental, Traffic Control, Construction/Maintenance
4. Work Session

ACTION ITEMS:

1. Environmental/Hydraulics
2. Utilities
3. Structures/Geotechnical
4. Access Management/Community Outreach
5. Right-of-Way
6. Roadway
7. Construction/Maintenance
8. Project Duration/Safety/Lane Closures
9. Responsible Parties for Resolution

SUMMARY:

A mandatory pre-bid meeting is recommended for this Project.

The project commitments regarding tree cutting due to endangered bat presence will be verified. The Department will consider the possibility of cutting trees prior to the letting to meet restriction dates.

An overview of the planned utility relocations were reviewed. The plans should be reviewed for temporary utility items that may be needed to reduce duration of relocations. The utility companies will be responsible for obtaining their own permits if they are not moving in contract. Power Companies, AT&T, and Charter are not part of the contract and are being put to work very soon. Since aerial utilities are move prior, pole heights should take into account pole location in relation to cut and fill areas. All utility companies should be sent the revised plans with wall locations. Region 3 is holding utility coordination meetings weekly in an effort to mitigate constructability issues.

Specific requirements regarding retaining wall finishes and Signal standards should be discussed with the City. Coordination regarding any workhour commitment/restrictions will be addressed prior to letting and should be included in SP108B. Communication with the public through the city's community relations will be important. A public meeting prior to construction will be considered. Since the City was responsible for acquiring their own right-of-way, a note should be added to the plans of whom to contact if any issues/questions should arise concerning ROW.

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Consideration should be given to shifting/relocating the 6'x4' box at Staion 103+97 or shortening the conflicting retaining wall. The bridge design should be reevaluated in terms of the deck and approach slabs. It is proposed to excavate to rock and build abutments on top, which would eliminate the two retaining walls around the bridge. The Department is considering accelerated bridge construction during the Summer of 2018 to avoid conflicts with the school. Thought should be given to placement of the city's water line, since the utility plans to hang the line on the bridge.

Maintaining driveway access will be priority. Additional quantities for driveway access, lane shifts, barricades, and temporary tie-ins should be considered. Additional quantities for pavement markings should be added, including removal.